Index

admitting clerk
in operating room 5
aerosols
in operating room 85
air borne infection
in operating room 53-58
prevention of 56, 57
air conditioning in operating room 25, 101
air—recirculation of 26
blades
sterile for use 10
blood substitute
fluid gelatin 114
bronchoscopes
disinfection of 24
brushes
disinfection of 99, 100
alcohol
disinfecting action of 23
intravenous in surgery
action of 30
contraindications 32, 33
dosage of 31
nutritional value of 31
toxicity of 32
ampoules
identification of 28
disinfection of 22, 23, 35
labelling of 27, 28
anaesthesia in small hospitals 121
anaesthetics
conductive equipment for 43
evaluation of 59-64
intravenous alcohol 30
local 84-93
in geriatrics 62
xenon 113
antibiotics
penicillin in pulmonary infections 51
in thoracic surgery 12, 13, 16
asepsis—history of 53
auxiliary personnel in hospital 97, 98
avertin 61, 62
calcium hypochlorite
effect on rubber 23, 111
in tuberculosis 23
catheters—sterilization of 100, 101, 102, 103, 110
cellophane tubing 101, 103, 104
chest drainage 14
clothing in operating room 44
cocaine solution, preparation of 22
combustible gases 40
conductive equipment 42, 43
conductive floors 33, 41, 43
conductive footwear 71
Conducote 33
Conductometer 68, 69
conferences in teaching 80
containers for disinfection 22, 111
contamination of sterile field 52
credentials committee 18, 19
curare in treatment of poliomyelitis 100
cystoscopes
disinfection of 101
diet
preoperative in thoracic surgery 11
for tube feedings 15, 16
"dirty cases," definition of 21
disinfection
ampoules 22, 23, 35
bronchoscopes 24
brushes 99, 100
cystoscopes 101
skin 23, 24, 25, 36, 37, 38, 99
drag chains 101
drapes
as bacterial barriers 52
lithotomy 39
wet 110
dressings
elastic adhesive 96
dressing drums 111
drugs, identification of 27, 28
ear, surgery of 107
economy in operating room 29
electrical equipment in o.r. 41, 44
electrical wiring in o.r. 44
emergency electric power in o.r. 100
esophagus, surgery of 106
ether as skin disinfectant 23
explosion hazards
air conditioning in 25
ether 24
floors in 33
in operating room 40-44
prevention of 42, 43, 44
wet towels, value of 43
eye injuries 119
eye surgery
cocaine solution for 22
syringes for 24
floors in operating room
measuring resistance of 68, 69
treatment of 55
footwear in operating room 41, 42, 110
conductive 71

Index

admitting clerk
in operating room 5
aerosols
in operating room 85
air borne infection
in operating room 53-58
prevention of 56, 57
air conditioning in operating room 25, 101
air—recirculation of 26
blades
sterile for use 10
blood substitute
fluid gelatin 114
bronchoscopes
disinfection of 24
brushes
disinfection of 99, 100
alcohol
disinfecting action of 23
intravenous in surgery
action of 30
contraindications 32, 33
dosage of 31
nutritional value of 31
toxicity of 32
ampoules
identification of 28
disinfection of 22, 23, 35
labelling of 27, 28
anaesthesia in small hospitals 121
anaesthetics
conductive equipment for 43
evaluation of 59-64
intravenous alcohol 30
local 84-93
in geriatrics 62
xenon 113
antibiotics
penicillin in pulmonary infections 51
in thoracic surgery 12, 13, 16
asepsis—history of 53
auxiliary personnel in hospital 97, 98
avertin 61, 62
calcium hypochlorite
effect on rubber 23, 111
in tuberculosis 23
catheters—sterilization of 100, 101, 102, 103, 110
cellophane tubing 101, 103, 104
chest drainage 14
clothing in operating room 44
cocaine solution, preparation of 22
combustible gases 40
conductive equipment 42, 43
conductive floors 33, 41, 43
conductive footwear 71
Conducote 33
Conductometer 68, 69
conferences in teaching 80
containers for disinfection 22, 111
contamination of sterile field 52
credentials committee 18, 19
curare in treatment of poliomyelitis 100
cystoscopes
disinfection of 101
diet
preoperative in thoracic surgery 11
for tube feedings 15, 16
"dirty cases," definition of 21
disinfection
ampoules 22, 23, 35
bronchoscopes 24
brushes 99, 100
cystoscopes 101
skin 23, 24, 25, 36, 37, 38, 99
drag chains 101
drapes
as bacterial barriers 52
lithotomy 39
wet 110
dressings
elastic adhesive 96
dressing drums 111
drugs, identification of 27, 28
ear, surgery of 107
economy in operating room 29
electrical equipment in o.r. 41, 44
electrical wiring in o.r. 44
emergency electric power in o.r. 100
esophagus, surgery of 106
ether as skin disinfectant 23
explosion hazards
air conditioning in 25
ether 24
floors in 33
in operating room 40-44
prevention of 42, 43, 44
wet towels, value of 43
eye injuries 119
eye surgery
cocaine solution for 22
syringes for 24
floors in operating room
measuring resistance of 68, 69
treatment of 55
footwear in operating room 41, 42, 110
conductive 71

Index (Continued)

muslin boots 23
formulae
alkaline-formalin solution 23
furniture in operating room 68, 69
geriatrics—surgery of 51, 52
germicides for skin disinfection 24
glassware, cleaning of 23
gloves, sterilization of 102, 111
hand soak 100
hepatitis, terminal sterilization following 21
hernia, rehabilitation of 106
hexamethonium bromide 62, 63
hexachlorophene, in skin disinfection 24, 37
hospital administrator
in surgical service 18
responsibilities of 19, 20
hypertension, surgery in 107
hypotension in surgery, induced 63, 64
indicators in sterilization 110
infections, pulmonary, postoperative 51
infected wounds, collagenase in 115
injections
intercostal postoperative 15
insects in operating room 24
instruments
air borne contamination of 23
dust, control of 116
rack for storage 82
sterilization of 110
irrigating solution in prostatectomy 23
jejunostomy for preoperative feeding 11
job rating 74
job training 78
lamp carriers, disinfection of 24
laundry, sponges 100
leg wounds, surgery of 107
linen, dyeing of 102
lithotomy drape 39
masking, rules for 109
masks 83
medical auditor 20
morphine in thoracic surgery 12
moving patients in thoracic surgery 13
narcotics, preoperative in thoracic surgery 13
needles, surgical 45-50
nerve blocks for surgery, directions for
anterior tibial 92, 93
femoral 91
intercostals 89
lateral femoral cutaneous 90
median 87, 88
posterior tibial 91, 92
radial 87, 89
sciatic 91
supraclavicular 86
toes 93
thumb and fingers 89
ulnar 87, 88
nurses, teaching of 9
nutrition, in geriatric patients 51
operating room
aerosols in 55
air conditioning in 25, 101
assignments in 6
clothing in 44
colored linen in 102
dirty cases in 111
electric fans in 101
floors in 33, 41, 43, 55
footwear in 23
insects in 24
organization of 5
personnel in 5
accident and illness 116
tardiness 117
postgraduate training for 117
safe equipment for 42, 43, 44
safety in 40-44
scheduling in 81
student nurses in 94-96
visitors in 100
operating room supervisor
qualifications for 65-69
responsibilities of 7, 19
supplies, maintenance of by 29
operating room supervisors groups
Arkansas 134, 135
Baltimore 123
Cincinnati 130, 131
Cleveland 137
Dallas 139
Denver 127, 128
Jackson 132
Los Angeles 129
Omaha 124, 125
Pittsburgh 136
Reno 139
Rochester, N.Y. 126
Seattle 133
Toledo 120
operating table 102
organization of operating room team 5
orthopedic skin preparation 24
packaging supplies 111
pancreatitis, treatment of 106
parenteral therapy
intravenous alcohol 30, 31
postoperative in thoracic surgery 15

Index (Continued)

patient safety
- administrative responsibility for 20
- ampoule labels in 27, 28
- in operating personnel 6

penicillin in postoperative pulmonary infection 51

personnel in operating room
- attitude of 8, 9
- conferences with 80
- job description of 72, 74
- job rating of 74
- job training for 78
- measuring electrical resistance of 48, 69
- orientation of 77
- qualifications of 65-69
- selection of 75, 76
- teaching of 74
- throat cultures of 54

plastic sheeting, sterilization of 22

postoperative wound infection 54

preoperative skin disinfection 36, 37, 38

procaine, preparation of 109

prostatectomy, irrigating solution for 23

quaternary ammonium compounds 101

radiotherapy in surgery 114

recovery ward, equipment necessary for 15
- thoracic patients in 15

respirator 121

resterilization of supplies 25, 101, 110

rubber, effect of calcium hypochlorite on 23

rubber gloves, sterilization of 102

scheduling in operating room 7, 8, 81

septic cases, quarantining after 23

sheet, lithotomy 39

skin
- contamination of 36
- disinfection of 23, 24, 25, 36, 37, 38, 99
- evaluation of technics for 120

sodium seconal in surgery 60

static electricity in operating room 40, 41, 42, 43, 44

sterile supplies
- common table for 110
- conservation of 29
- resterilization of 25, 101, 110

sterile wrappers, canvas for 117

sterilization
- ampoules 35
- cocaine solution 22
- controls in 25
- knife blades 10
- instruments 110
- needles 9
- plastic sheeting 22
- rubber gloves 102, 111
- surgical stitcher 22
- suture material 22
- syringes 21
- vaseline gauze 25

storage of instruments 82

student nurses, training in operating room 94-96

surgeon
- evaluation of 18
- responsibilities in operating room 6, 7

surgery
- cervix 119
- colon 112
- in geriatrics 51
- needles in 45-50
- tendons 118

surgical equipment, stand for neurosurgery 26

surgical stitcher 22

suture material, sterilization of 22

syringes, sterilization of 24

teaching
- auxiliary personnel 97, 98
- in operating room 74
- in surgery 19
- students in operating room 94-96

terminal sterilization 110

testing, conductivity 42-44

thoracic surgery
- ambulation in 16
- antibiotics in 12, 13, 16
- diet in 11, 16
- drainage 13, 14, 16
- dressing, postoperative 13
- esophagus, preparation of 12
- exercise in 12
- parenteral therapy in 15
- postoperative care in 13, 14, 15, 16
- preoperative care 11, 12, 13
- preoperative medication 12
- respiration, device for 121

ultraviolet in operating room 55

vaseline gauze, sterilization of 25

ventilation in operating room 56

visitors in operating room 100

vitamins 15, 32

water seal drainage in thoracic surgery 13, 14

wetting agent 109

wound clip 50

wound infection 52, 53

Wyamine 60

Xenon as anaesthetic 113

Xylocaine 60

Zephiran
- germicidal properties of 25
- toxicity of 100